



श्री चित्रातिरुनालआयुर्विज्ञानऔरप्रौद्योगिकीसंस्थान, त्रिवेन्द्रम, केरल- 695 011
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ENTRANCE EXAMINATION - ACADEMIC SESSION JANUARY 2024

Program: PG Diploma in Medical Record Science

Time:90 Minutes

Max.Marks: 100

(Select the most appropriate answer)
(There are no negative marks for wrong answers)

1	Which of the following is not a type of blood cell?
a	Red blood cell (RBC)
b	White blood cell (WBC)
c	Platelet
d	Plasma
2	What is the primary function of the respiratory system in the human body?
a	Digestion of food
b	Pumping blood
c	Exchange of gases
d	Filtration of waste
3	What is the main function of the nervous system?
a	Circulation of blood
b	Regulation of body temperature
c	Digestion of food
d	Coordination of body activities
4	What is the largest organ in the human body, serving functions such as protection, temperature regulation, and sensory perception?
a	Skin
b	Heart
c	Liver
d	Lungs
5	Which of the following is a viral disease?
a	Malaria
b	Tuberculosis
c	Influenza
d	Diabetes
6	Which gas is essential for respiration and is transported by red blood cells?
a	Carbon dioxide
b	Oxygen
c	Hydrogen
d	Nitrogen

7	What is the process by which plants lose water vapor through tiny openings in their leaves?
a	Transpiration
b	Respiration
c	Photosynthesis
d	Germination
8	Which gas is responsible for the greenhouse effect on Earth?
a	Oxygen
b	Carbon dioxide
c	Methane
d	Nitrogen
9	What is the function of the pancreas in the digestive system?
a	Filtration of blood
b	Regulation of body temperature
c	Production of insulin and digestive enzymes
d	Storage of bile
10	Which vitamin is produced in the skin when exposed to sunlight?
a	Vitamin A
b	Vitamin C
c	Vitamin D
d	Vitamin K
11	What is the chemical name of table salt?
a	Sodium chloride
b	Calcium carbonate
c	Potassium nitrate
d	Iron sulfate
12	Which of the following is not a type of muscle tissue?
a	Skeletal muscle
b	Cardiac muscle
c	Nervous muscle
d	Smooth muscle
13	Which molecule stores genetic information in cells?
a	RNA
b	Protein
c	Carbohydrate
d	DNA
14	Which of the following statements is true ?
a	Carbon monoxide diffuses from lungs into blood and oxygen diffuses from blood into lungs
b	Carbon dioxide diffuses from lungs into blood and oxygen diffuses from blood into lungs
c	Oxygen diffuses from lungs into blood and carbon dioxide diffuses from blood into lungs
d	Oxygen diffuses from lungs into blood and carbon monoxide diffuses from blood into lungs
15	Who demonstrated that objects of different masses would reach the ground together when dropped from the same height ?
a	Isaac Newton
b	Archimedes
c	Robert Boyle
d	Galileo Galilei

16	The forces between two bodies are always ?	
	a	unequal and in the opposite direction
	b	equal and in the opposite direction
	c	equal and in the same direction
	d	isolated forces
17	Group of cells having a common origin and performing similar functions are called ?	
	a	Tissues
	b	Organs
	c	Organ systems
	d	Systems
18	Which organ of the body is affected by Leukoderma ?	
	a	Heart
	b	Kidney
	c	Lungs
	d	Skin
19	Which of the following water purification technology removes minerals from drinking water	
	a	ultra-filtration
	b	Reverse osmosis
	c	Filtration
	d	UV treatment
20	On applying a constant force to a body, it moves with uniform_ ?	
	a	Momentum
	b	Speed
	c	Velocity
	d	Accelaration
21	Rehana drives 6 km west from her home and turns left and drives 3 km and then turns left again and drives 10 km. What is the shortest distance between her home and office ?	
	a	10 km
	b	5 km
	c	4 km
	d	9 km
22	A Nurse moved 90 m in the East in a hospital to look for her duty Doctor, and then she turned right and went 20m. After this she turned right and after going 30m she reached I.C.U, but the Doctor was not there. From there she went 100m to her north and met her doctor. What was the shortest distance from the nurse and her duty doctor from the starting point?	
	a	80 m
	b	100 m
	c	140 m
	d	120 m
23	What is the sum of the first 10 positive integers?	
	a	45
	b	50
	c	55
	d	60

24	What is the result of $\frac{3}{5} + \frac{1}{4}$?
	a $\frac{17}{20}$
	b $\frac{19}{20}$
	c $\frac{7}{20}$
	d $\frac{4}{9}$
25	If a triangle has sides of lengths 3 cm, 4 cm, and 5 cm, what type of triangle is it?
	a Equilateral
	b Isosceles
	c Scalene
	d Right-angled
26	What is the next prime number after 17?
	a 19
	b 20
	c 21
	d 23
27	If $4x - 7 = 25$, what is the value of x?
	a 8
	b 9
	c 11
	d 32
28	In a mixture of 60 litres, the ratio of milk to water is 2 : 1. If this ratio is to be 1 : 2, then the quantity of water (in litres) to be further added is ?
	a 20
	b 40
	c 60
	d 80
29	4 person can weave 4 mats in 4 days. At the same rate, how many mats would be woven by 8 person in 8 days ?
	a 16
	b 12
	c 8
	d 4
30	If 20% of a = b, then b% of 20 is the same as :
	a 4% of a
	b 6% of a
	c 8% of a
	d 10% of a
31	If it takes 5 workers 3 hours to build 5 houses, how many workers are needed to build 15 houses in 9 hours?
	a 5
	b 10
	c 15
	d 20
32	A certain number of men can finish a piece of work in 100 days. If there were 10 men less, it would take 10 days more for the work to be finished. How many men were there originally ?
	a 75
	b 82
	c 100
	d 110

33	Half of 1 per cent, written as a decimal, is?	
	a	0.2
	b	0.02
	c	0.005
	d	0.05
34	Which of the following is the odd one out?	
	a	Square
	b	Circle
	c	Triangle
	d	Rectangle
35	If a man running at 15 kmph crosses a bridge in 5 minutes, the length of the bridge is ____ ?	
	a	500 meters
	b	750 meters
	c	1000 meters
	d	1250 meters
36	Mary's father has 5 daughters: Nana, Nene, Nini, Nono, and...?	
	a	Nunu
	b	Nina
	c	Mary
	d	Nano
37	If the first three letters of the word "computer" are reversed, which letter would be in the middle?	
	a	C
	b	O
	c	M
	d	P
38	What does the 'C' stand for in the term 'KYC' often used in banking?	
	a	Customer
	b	Credit
	c	Currency
	d	Checking
39	Who regulates the insurance sector in India?	
	a	IRDAI
	b	SEBI
	c	RBI
	d	NABARD
40	Which of the following is a credit rating agency in India?	
	a	FINRA
	b	CIBIL
	c	NYSE
	d	NASDAQ
41	Which planet is known as the "Red Planet"?	
	a	Venus
	b	Mars
	c	Jupiter
	d	Saturn

42	If today is Monday, what day will it be 45 days from now?	
	a	Tuesday
	b	Wednesday
	c	Thursday
	d	Friday
43	If a giraffe has two eyes, a monkey has two eyes, and an elephant has two eyes, how many eyes do we have?	
	a	2
	b	4
	c	6
	d	8
44	What will be the value of the following equation if '+' means addition, '-' means subtraction, '×' means multiplication and '÷' means division, $72 \times 9 - 3 \div 8 + 2 = ?$	
	a	25
	b	30
	c	40
	d	35
45	Which two numbers need to be interchanged to make the following equation correct, $3 + 4 - 6 \div 2 = 7$?	
	a	6 and 2
	b	3 and 6
	c	2 and 3
	d	6 and 4
46	If digit 3 is interchanged with digit 1, then what will be the value of the following equation, $6 + 9 \div 1 \times 3 - 2 = ?$	
	a	6
	b	7
	c	8
	d	9
47	Identify the number that does NOT belong in the given series. 5, 9, 17, 29, 55, 65 ?	
	a	55
	b	29
	c	9
	d	5
48	Which number will replace the question mark (?) in the following series, 1, 4, 3, 4, 7, 7, 13, 13, ?	
	a	20
	b	22
	c	31
	d	21
49	Priyank is Akshay's brother. Sonia is Saksham's sister. Akshay is Sonia's son. How is Priyank related to Sonia ?	
	a	Nephew
	b	Father
	c	Son
	d	Brother

50	If 'A' denotes ' \div ', 'B' denotes ' \times ', 'C' denotes '+', and 'D' denotes '-', then what will be the value of the following expression, 12 B 12 A 4 C 5 D 1 ?	
	a	50
	b	40
	c	39
	d	59
51	If 'ARUN' is coded as 54, then how will 'VARUN' be coded as ?	
	a	87
	b	67
	c	76
	d	78
52	In a code language, MACHINE is written as CAMHENI. How will MONSTER be written as in that language ?	
	a	NOMSRET
	b	OMNSETR
	c	NOMETSR
	d	SNOMRET
53	If TEMPLE is coded as ELPMET, then how will CHURCH be coded as ?	
	a	HCURHC
	b	HCRUHC
	c	HCURCH
	d	HCRUCH
54	Three of the following four are alike in a certain way and one is different. Find the odd one out ?	
	a	Stress
	b	Fatigue
	c	Concentration
	d	Tension
55	Introducing Rukmani, Vijay said , " She is the mother of the son of only brother of my wife." What is the relation of Rukmani's husband with Vijay ?	
	a	Brother-in-law
	b	Father
	c	Father-in-law
	d	Son
56	One word substitution for "That which cannot be seen through" ?	
	a	translucent
	b	transparent
	c	impervious
	d	opaque
57	One word substitution for "Working very hard and very carefully" ?	
	a	Dilatory
	b	Indulgent
	c	Diligent
	d	Indigent
58	Spot the Error in the sentence "No sooner had Kavya started her online class that the web connection was lost"	
	a	started her online class
	b	that the web connection
	c	No sooner had Kavya
	d	was lost

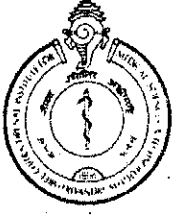
59	Spot the Error in the sentence "To be interested in the changing seasons is a happy state of mind than to be hopelessly in love with spring"	
	a	to be interested
	b	a happy state of mind
	c	hopelessly in love with spring
	d	in the changing season
60	Spot the Error in the sentence "Unless you did not do your homework you will be punished," said the teacher."	
	a	said the teacher
	b	do your homework
	c	you will be punished
	d	unless you did not
61	Select the correctly spelt word ?	
	a	battalion
	b	battallion
	c	batalion
	d	batallion
62	Select the wrongly spelt word ?	
	a	Inquisitive
	b	Inherent
	c	Inistitutional
	d	Invitation
63	Select the correctly spelt word ?	
	a	Recquirement
	b	Exquiste
	c	Acquaintance
	d	Squirrell
64	Select the wrongly spelt word ?	
	a	resplendent
	b	resistance
	c	resurrect
	d	reseptacle
65	Random Access Memory and Read Only Memory are examples of _____ ?	
	a	Primary Memory
	b	Secondary Memory
	c	Auxiliary Memory
	d	Both primary and secondary memory
66	In the context of computing, what is the full form of URL ?	
	a	undistributed resource locator
	b	unified resource locator
	c	uniform resource locator
	d	uniform region locator
67	Which of the following is an input device used to enter motion data in computers or other electronic devices ?	
	a	Monitor
	b	Trackball
	c	Plotter
	d	Joystick

68	How many function keys are present on a standard PC keyboard ?	
	a	9
	b	10
	c	12
	d	15
69	Access control based on a person's fingerprints is an example of ?	
	a	biometric identification
	b	characteristic identification
	c	fingerprint security
	d	logistics
70	When speaking of computer input and output, input refers to ?	
	a	any data processing that occurs from new data input into computer.
	b	retrieval of data or information that has been entered into the computer.
	c	data or information that has been entered into the computer.
	d	the transmission of data that has been entered into the computer.
71	All of the logic and mathematical calculations done by the computer happen in/on the ?	
	a	system board
	b	central control unit
	c	central processing unit
	d	mother board
72	To add two cells in an excel Al and A2 together you use the following formula ?	
	a	=A1+A2
	b	=Add(A(1)+A(2))
	c	=together(A1:A2)
	d	A1 plus A2
73	A program, either talk or music, that is made available in digital format for automatic download over the Internet is called a _____	
	a	wiki
	b	broadcast
	c	vodcast
	d	podcast
74	Special effects used to introduce slides in a presentation are called ?	
	a	Effects
	b	Custom animations
	c	Transitions
	d	Preset animations
75	Which of the following are types of sound files ?	
	a	LOG files
	b	DAT files
	c	DRV files
	d	WAV files
76	When the mouse is moved, it causes a picture to move on the screen which is referred to as in a ?	
	a	menu
	b	pointer
	c	icon
	d	tab

77	Which of the following is not a fundamental right guaranteed by the Indian Constitution?	
	a	Right to Freedom of Speech and Expression
	b	Right to Vote
	c	Right to Equality
	d	Right to Freedom of Religion
78	Which Indian state is known as the "Land of Five Rivers"?	
	a	Punjab
	b	Haryana
	c	Bihar
	d	Uttar Pradesh
79	Which of the following process can one use to stop the bleeding of an injured person ?	
	a	trying a bandage
	b	applying ointment
	c	artificial respiration
	d	applying pressure on the pressure points
80	Extinguisher used for Electrical fire are categorised as ?	
	a	class-a
	b	class-b
	c	class-c
	d	class-d
81	The birth anniversary of _____ is celebrated as ' International Nurses Day' every year.	
	a	Clara Barton
	b	Alice Walker
	c	Florence Nightingale
	d	Mother Teresa
82	When is National Science Day observed in India every year ?	
	a	15 th March
	b	2 nd January
	c	5 th May
	d	28 th February
83	The National Institute of Mental Health and Neuro Sciences (NIMHANS) is located in ?	
	a	Bengaluru
	b	Puducherry
	c	Kolkata
	d	Indore
84	New Delhi's Lotus Temple was designed by an architect from _____ ?	
	a	Germany
	b	Iran
	c	UAE
	d	Japan
85	Which country is called the 'Coffee Bowl of the World' ?	
	a	Serbia
	b	Brazil
	c	India
	d	Mexico

86	With reference to the development of a country, which of the following countries is associated to the Gross National Happiness ?	
	a	Bhutan
	b	Belgium
	c	India
	d	Indonesia
87	Which is a green planet in the solar system?	
	a	Pluto
	b	Venus
	c	Uranus
	d	Mars
88	Exposure to sunlight helps a person improve his health because	
	a	the pigment cells in the skin get stimulated and produce a healthy tan
	b	the infrared light kills bacteria in the body
	c	resistance power increases
	d	the ultraviolet rays convert skin oil into Vitamin D
89	An astronaut in outer space will observe sky as	
	a	White
	b	Black
	c	Blue
	d	Red
90	A clock is set right at 5 a.m. The clock loses 16 minutes in 24 hours. What will be the true time when the clock indicates 10 p.m. on 4th day?	
	a	11 pm
	b	12 pm
	c	1 pm
	d	2 pm
91	If $A + B = 2C$ and $C + D = 2A$, then	
	a	$A + C = 2D$
	b	$A + C = B + D$
	c	$A + D = B + C$
	d	$A + C = 2B$
92	An Angry customer wants to meet the senior manager for grievance reporting. What will you do?	
	a	Talk to him yourself
	b	Be patient and try to cool him down
	c	Try to remove his inconveniences by consulting seniors
	d	Tell him it is not easy to meet the senior manager
93	You are interviewed for a new job. Which of the following is most important to you ?	
	a	Opportunities for promotion
	b	Remuneration you will be paid
	c	Scope to develop your ideas and use them to improve the working of the organization
	d	All the above are equally important.

94	If you find yourself in a situation where you are required to make a power - point presentation and you are already bogged down by too much work, as the manager what would you do?	
	a	Take an alternative mode of presentation
	b	Prioritise your work and try to squeeze out time for it
	c	Pass the buck to your subordinate, you are the boss, no one can question you
	d	Cancel the seminar and reschedule according to your convenience.
95	Six family members Pankaj, Gopi, Chetan, Dinesh, Akash and Vyom are standing around a circular table. Gopi is between Vyom and Chetan. Pankaj is between Akash and Dinesh. Vyom is to the immediate right of Dinesh. Who is opposite to Dinesh?	
	a	Pankaj
	b	Gopi
	c	Vyom
	d	Chetan
96	Arrange the following words as per order in the dictionary 1. Assassination 2. Association 3. Assimilate 4. Assimuthual	
	a	1,2,3,4
	b	1,3,2,4
	c	2,3,1,4
	d	1,3,4,2
97	What does airbag, used for safety of car driver, contain?	
	a	Sodium bicarbonate
	b	Sodium azide
	c	Sodium nitrite
	d	Sodium peroxide
98	Which ISO certification pertains to Environmental Management Systems?	
	a	9001
	b	27001
	c	14001
	d	22000
99	Plants synthesis protein from	
	a	sugar
	b	starch
	c	fatty acids
	d	amino acids
100	In the following question, four possible answers are given. Find out the most suitable answer: • Children like to read comics because:	
	a	They teach morals
	b	It is the cheapest means of recreation
	c	They make children laugh
	d	They contain amusing pictures



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Answer Key

Question No.	Correct answer	Question No.	Correct answer	Question No.	Correct answer
1.	D	38.	A	75.	D
2.	C	39.	A	76.	B
3.	D	40.	B	77.	B
4.	A	41.	A	78.	A
5.	C	42.	C	79.	D
6.	B	43.	A	80.	C
7.	A	44.	B	81.	C
8.	B	45.	D	82.	D
9.	C	46.	B	83.	A
10.	C	47.	A	84.	B
11.	A	48.	D	85.	B
12.	C	49.	C	86.	A
13.	D	50.	B	87.	C
14.	C	51.	C	88.	D
15.	D	52.	A	89.	B
16.	B	53.	B	90.	A
17.	A	54.	C	91.	B
18.	D	55.	A	92.	B
19.	B	56.	D	93.	D
20.	D	57.	C	94.	B
21.	B	58.	B	95.	D
22.	B	59.	B	96.	D
23.	B	60.	D	97.	B
24.	A	61.	A	98.	C
25.	D	62.	C	99.	D
26.	A	63.	C	100.	D
27.	A	64.	D		
28.	C	65.	A		
29.	A	66.	C		
30.	A	67.	B		
31.	A	68.	C		
32.	D	69.	A		
33.	C	70.	C		
34.	B	71.	C		
35.	D	72.	A		
36.	C	73.	D		
37.	D	74.	C		

